# Pentatonic Scales
## 125 Modes

| Degree | Scale | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I | 1 | | 2 | | 3 | | | 5 | | 6 | | | 1 |
| II | 1 | | 2 | | | 4 | | 5 | | | ♭7 | | 1 |
| III | 1 | | | ♭3 | | 4 | | | #5 | | ♭7 | | 1 |
| V | 1 | | 2 | | | 4 | | 5 | | 6 | | | 1 |
| VI | 1 | | | ♭3 | | 4 | | 5 | | | ♭7 | | 1 |

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For more documents on ***Scales***, click here :
[Docs, Charts & Diagrams [Google Drive]]

# 25 Pentatonic scales / 125 modes

## Classification (1)

### Division into various groups

#### 1. Basic Modes

8 scales (40 modes)

| Scales | | | | | | | | | | | | | | | 2 groups | 4 groups |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A1 | Major M7 | 1 | | 2 | | 3 | | | 5 | | | | 7 | 1 | Major | M7 |
| B1 | Major m7 | 1 | | 2 | | 3 | | | 5 | | | ♭7 | | 1 | | m7 |
| C1 | Major M6 | 1 | | 2 | | 3 | | | 5 | | 6 | | | 1 | | M6 |
| D1 | Major m6 | 1 | | 2 | | 3 | | | 5 | ♭6 | | | | 1 | | m6 |
| E1 | Minor M7 | 1 | | 2 | ♭3 | | | | 5 | | | | 7 | 1 | Minor | M7 |
| F1 | Minor m7 | 1 | | 2 | ♭3 | | | | 5 | | | ♭7 | | 1 | | m7 |
| G1 | Minor M6 | 1 | | 2 | ♭3 | | | | 5 | | 6 | | | 1 | | M6 |
| H1 | Minor m6 | 1 | | 2 | ♭3 | | | | 5 | ♭6 | | | | 1 | | m6 |

#### 2. Altered ♭2 Modes

6 scales (30 modes)

| Scales | | | | | | | | | | | | | | | 2 groups | 4 groups |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B2 | Major m7 ♭2 | 1 | ♭2 | | | 3 | | | 5 | | | ♭7 | | 1 | Major | m7 |
| C2 | Major M6 ♭2 | 1 | ♭2 | | | 3 | | | 5 | | 6 | | | 1 | | M6 |
| D2 | Major m6 ♭2 | 1 | ♭2 | | | 3 | | | 5 | ♭6 | | | | 1 | | m6 |
| F2 | Minor m7 ♭2 | 1 | ♭2 | | ♭3 | | | | 5 | | | ♭7 | | 1 | Minor | m7 |
| G2 | Minor M6 ♭2 | 1 | ♭2 | | ♭3 | | | | 5 | | 6 | | | 1 | | M6 |
| H2 | Minor m6 ♭2 | 1 | ♭2 | | ♭3 | | | | 5 | ♭6 | | | | 1 | | m6 |

#### 3. Altered ♭5 Modes

2 scales (10 modes)

| Scales | | | | | | | | | | | | | | | 2 groups | 4 groups |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B3 | Major m7 ♭5 | 1 | | 2 | | 3 | | ♭5 | | | | ♭7 | | 1 | Major | m7 |
| F3 | Minor m7 ♭5 | 1 | | 2 | ♭3 | | | ♭5 | | | | ♭7 | | 1 | Minor | m7 |

#### 4. Altered ♭2 ♭5 Modes

6 scales (30 modes)

| Scales | | | | | | | | | | | | | | | 2 groups | 4 groups |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B4 | Major m7 ♭2 ♭5 | 1 | ♭2 | | | 3 | | ♭5 | | | | ♭7 | | 1 | Major | m7 |
| C4 | Major M6 ♭2 ♭5 | 1 | ♭2 | | | 3 | | ♭5 | | | 6 | | | 1 | | M6 |
| D4 | Major m6 ♭2 ♭5 | 1 | ♭2 | | | 3 | | ♭5 | | ♭6 | | | | 1 | | m6 |
| F4 | Minor m7 ♭2 ♭5 | 1 | ♭2 | | ♭3 | | | ♭5 | | | | ♭7 | | 1 | Minor | m7 |
| G4 | Minor M6 ♭2 ♭5 | 1 | ♭2 | | ♭3 | | | ♭5 | | | 6 | | | 1 | | M6 |
| H4 | Minor m6 ♭2 ♭5 | 1 | ♭2 | | ♭3 | | | ♭5 | | ♭6 | | | | 1 | | m6 |

#### 5. Additional Modes

3 scales (15 modes)

| Scales | | | | | | | | | | | | | | | 2 groups | 4 groups |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A5 | Major m6 M7 | 1 | | | | 3 | | | 5 | ♭6 | | | 7 | 1 | Major | M7 |
| B5 | Major m6 m7 | 1 | | | | 3 | | | 5 | ♭6 | | ♭7 | | 1 | | m7 |
| F5 | Minor m6 M7 | 1 | | | ♭3 | | | | 5 | ♭6 | | | 7 | 1 | Minor | M7 |

# 25 Pentatonic scales / 125 modes

## Classification (2)

### Combination of Modes

| Modes | | |
|---|---|---|
| **Major** Modes<br>**Minor Modes** | **M7** Modes<br>**m7** Modes<br>**M6** Modes<br>**m6** Modes | **Basic** Modes<br>**Altered -2 Modes**<br>**Altered -5 Modes**<br>**Altered -2 -5 Modes**<br>**Additional Modes** |

Ces **25 échelles pentatoniques** génèrent **125 modes pentatoniques** (25 x 5) ne comportant pas plus de **2 demi-tons consécutifs** ni d'écarts de plus de **4 demi-tons entre deux degrés**.
Le mode du 1er degré donne son nom à l'échelle.

### Common notes

| | | | | | |
|---|---|---|---|---|---|
| **Basic Modes** | 2 | 5 | | | |
| **Altered ♭2 Modes** | ♭2 | 5 | | | |
| **Altered ♭5 Modes** | 2 | ♭5 | | | |
| **Altered ♭2 ♭5 Modes** | ♭2 | ♭5 | | | |
| **Major Modes** | 3 | | | | |
| **Minor Modes** | ♭3 | | | | |
| **M7 Modes** | 7 | | | | |
| **m7 Modes** | ♭7 | | | | |
| **M6 Modes** | 6 | | | | |
| **m6 Modes** | ♭6 | | | | |
| **Additional Modes** | 5 | ♭6 | **No :** | ♭2 | 2 |

# 25 Pentatonic scales / 125 modes

## 1. Basic modes

| | Scale | | | | | | | | | | | | | Mode | Name |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Major M7 | 1 | | 2 | | 3 | | | 5 | | | | 7 | 1 | A1 / I | Major M7 |
| | 1 | | 2 | | | 4 | | | | 6 | ♭7 | | 1 | A1 / II | - |
| | 1 | | | ♭3 | | | | 5 | ♭6 | | ♭7 | | 1 | A1 / III | - |
| | 1 | | | | 3 | 4 | | 5 | | 6 | | | 1 | A1 / V | - |
| | 1 | ♭2 | | ♭3 | | 4 | | | ♯5 | | | | 1 | A1 / VII | - |
| Major m7 | 1 | | 2 | | 3 | | | 5 | | | ♭7 | | 1 | B1 / I | Major m7 |
| | 1 | | 2 | | | 4 | | | ♯5 | | ♭7 | | 1 | B1 / II | - |
| | 1 | | | ♭3 | | | ♯4 | | ♯5 | | ♭7 | | 1 | B1 / III | - |
| | 1 | | | ♭3 | | 4 | | 5 | | 6 | | | 1 | B1 / V | - |
| | 1 | | 2 | | 3 | | ♭5 | | | 6 | | | 1 | B1 / ♭VII | - |
| Major M6 | 1 | | 2 | | 3 | | | 5 | | 6 | | | 1 | C1 / I | Major M6 / Gong (China) / Ryõ (Japan) |
| | 1 | | 2 | | | 4 | | 5 | | | ♭7 | | 1 | C1 / II | Shang (China) / In asc. (Japan) |
| | 1 | | | ♭3 | | 4 | | | ♯5 | | ♭7 | | 1 | C1 / III | Jue (China) |
| | 1 | | 2 | | | 4 | | 5 | | 6 | | | 1 | C1 / V | Zi (China) / Ritsu (Japan) / Bâc (Vietnam) |
| | 1 | | | ♭3 | | 4 | | 5 | | | ♭7 | | 1 | C1 / VI | Yu (China) / Min-Yo (Japan) / Nam (Vietnam) |
| Major 'm6 | 1 | | 2 | | 3 | | | 5 | ♭6 | | | | 1 | D1 / I | Major m6 |
| | 1 | | 2 | | | 4 | ♭5 | | | | ♭7 | | 1 | D1 / II | - |
| | 1 | | | ♯2 | 3 | | | | ♯5 | | ♭7 | | 1 | D1 / III | - |
| | 1 | ♭2 | | | | 4 | | 5 | | 6 | | | 1 | D1 / V | - |
| | 1 | | | | 3 | | ♯4 | | ♯5 | | | 7 | 1 | D1 / ♭VI | - |
| Minor M7 | 1 | | 2 | ♭3 | | | | 5 | | | | 7 | 1 | E1 / I | Minor M7 |
| | 1 | ♭2 | | | | 4 | | | | 6 | ♭7 | | 1 | E1 / II | - |
| | 1 | | | | 3 | | | | ♯5 | 6 | | 7 | 1 | E1 / ♭III | - |
| | 1 | | | | 3 | 4 | | 5 | ♭6 | | | | 1 | E1 / V | - |
| | 1 | ♭2 | | ♭3 | ♭4 | | | | ♯5 | | | | 1 | E1 / VII | - |
| Minor m7 | 1 | | 2 | ♭3 | | | | 5 | | | ♭7 | | 1 | F1 / I | Minor m7 |
| | 1 | ♭2 | | | | 4 | | | ♯5 | | ♭7 | | 1 | F1 / II | - |
| | 1 | | | | 3 | | | 5 | | 6 | | 7 | 1 | F1 / ♭III | - |
| | 1 | | | ♭3 | | 4 | | 5 | ♭6 | | | | 1 | F1 / V | - |
| | 1 | | 2 | | 3 | 4 | | | | 6 | | | 1 | F1 / ♭VII | - |
| Minor M6 | 1 | | 2 | ♭3 | | | | 5 | | 6 | | | 1 | G1 / I | Minor M6 / Kumoï (Japan) |
| | 1 | ♭2 | | | | 4 | | 5 | | | ♭7 | | 1 | G1 / II | - |
| | 1 | | | | 3 | | ♭5 | | | 6 | | 7 | 1 | G1 / ♭III | - |
| | 1 | | 2 | | | 4 | | 5 | ♭6 | | | | 1 | G1 / V | - |
| | 1 | | | ♭3 | | 4 | ♭5 | | | | ♭7 | | 1 | G1 / VI | - |
| Minor m6 | 1 | | 2 | ♭3 | | | | 5 | ♭6 | | | | 1 | H1 / I | Minor m6 / Hirajoshi (Japon) |
| | 1 | ♭2 | | | | 4 | ♭5 | | | | ♭7 | | 1 | H1 / II | Iwato (Japan) |
| | 1 | | | | 3 | 4 | | | | 6 | | 7 | 1 | H1 / ♭III | - |
| | 1 | ♭2 | | | | 4 | | 5 | ♭6 | | | | 1 | H1 / V | In desc. (Japan) |
| | 1 | | | | 3 | | ♯4 | 5 | | | | 7 | 1 | H1 / ♭VI | - |

# 25 Pentatonic scales / 125 modes

## 2. Altered ♭2 Modes

| | Scale | | | | | | | | | | | | | Mode | Name |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Major m7 ♭2 | 1 | ♭2 | | | 3 | | | 5 | | | ♭7 | | 1 | B2 / I | Major m7 ♭2 |
| | 1 | | | ♭3 | | | 5b | | | 6 | | 7 | 1 | B2 / ♭II | - |
| | 1 | | | ♭3 | | | ♯4 | | ♯5 | 6 | | | 1 | B2 / III | - |
| | 1 | | | ♭3 | | 4 | 5b | | | 6 | | | 1 | B2 / V | - |
| | 1 | | 2 | ♭3 | | | 5b | | | 6 | | | 1 | B2 / ♭VII | - |
| Major M6 ♭2 | 1 | ♭2 | | | 3 | | | 5 | | 6 | | | 1 | C2 / I | Major M6 ♭2 |
| | 1 | | | ♭3 | | | ♯4 | | ♯5 | | | 7 | 1 | C2 / ♭II | - |
| | 1 | | | ♭3 | | 4 | | | ♯5 | 6 | | | 1 | C2 / III | - |
| | 1 | | 2 | | | 4 | ♭5 | | | 6 | | | 1 | C2 / V | - |
| | 1 | | | ♯2 | 3 | | | 5 | | | ♭7 | | 1 | C2 / VI | - |
| Major m6 ♭2 | 1 | ♭2 | | | 3 | | | 5 | ♭6 | | | | 1 | D2 / I | Major m6 ♭2 |
| | 1 | | | ♭3 | | | ♯4 | 5 | | | | 7 | 1 | D2 / ♭II | - |
| | 1 | | | ♯2 | 3 | | | | ♯5 | 6 | | | 1 | D2 / ♭III | - |
| | 1 | ♭2 | | | | 4 | ♭5 | | | 6 | | | 1 | D2 / V | - |
| | 1 | | | | 3 | 4 | | | ♯5 | | | 7 | 1 | D2 / ♭VI | - |
| Minor m7 ♭2 | 1 | ♭2 | | ♭3 | | | | 5 | | | ♭7 | | 1 | F2 / I | Minor m7 ♭2 / Pelog |
| | 1 | | 2 | | | | ♯4 | 5 | | 6 | | 7 | 1 | F2 / ♭II | - |
| | 1 | | | | 3 | | | 5 | | 6 | ♭7 | | 1 | F2 / ♭III | - |
| | 1 | | | ♭3 | | 4 | ♭5 | | ♭6 | | | | 1 | F2 / V | - |
| | 1 | | 2 | ♭3 | | 4 | | | | 6 | | | 1 | F2 / ♭VII | - |
| Minor M6 ♭2 | 1 | ♭2 | | ♭3 | | | | 5 | | 6 | | | 1 | G2 / I | Minor M6 ♭2 / Balinese scale |
| | 1 | | 2 | | | | ♯4 | | ♯5 | | | 7 | 1 | G2 / ♭II | - |
| | 1 | | | | 3 | | ♭5 | | | 6 | ♭7 | | 1 | G2 / ♭III | - |
| | 1 | | 2 | | | 4 | ♭5 | | ♭6 | | | | 1 | G2 / V | - |
| | 1 | | | ♯2 | 3 | | ♭5 | | | | ♭7 | | 1 | G2 / VI | - |
| Minor m6 ♭2 | 1 | ♭2 | | ♭3 | | | | 5 | ♭6 | | | | 1 | H2 / I | Minor m6 ♭2 |
| | 1 | | 2 | | | | ♯4 | 5 | | | | 7 | 1 | H2 / ♭II | - |
| | 1 | | | | 3 | 4 | | | | 6 | ♭7 | | 1 | H2 / ♭III | - |
| | 1 | ♭2 | | | | 4 | ♭5 | | ♭6 | | | | 1 | H2 / V | - |
| | 1 | | | | 3 | 4 | | 5 | | | | 7 | 1 | H2 / ♭VI | - |

# 25 Pentatonic scales / 125 modes

## 4. Altered ♭2 ♭5 Modes

| | Scale | | | | | | | | | | | | | Mode | Name |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Major 'm7 -2 -5 | 1 | ♭2 | | | 3 | | ♭5 | | | | ♭7 | | 1 | B4 / I | Major m7 ♭2 ♭5 |
| | 1 | | | ♭3 | | 4 | | | | 6 | | 7 | 1 | B4 / ♭II | - |
| | 1 | | 2 | | | | ♯4 | | ♯5 | 6 | | | 1 | B4 / III | - |
| | 1 | | | | 3 | | ♯4 | 5 | | | ♭7 | | 1 | B4 / ♭V | - |
| | 1 | | 2 | ♭3 | | | ♭5 | | ♭6 | | | | 1 | B4 / ♭VII | - |
| Major M6 ♭2 ♭5 | 1 | ♭2 | | | 3 | | ♭5 | | | 6 | | | 1 | C4 / I | Major M6 ♭2 ♭5 |
| | 1 | | | ♭3 | | 4 | | | ♯5 | | | 7 | 1 | C4 / ♭II | - |
| | 1 | | 2 | | | 4 | | | ♯5 | 6 | | | 1 | C4 / III | - |
| | 1 | | | ♭3 | | | ♯4 | 5 | | | ♭7 | | 1 | C4 / ♭V | - |
| | 1 | | | ♯2 | 3 | | | 5 | | 6 | | | 1 | C4 / VI | - |
| Major m6 ♭2 ♭5 | 1 | ♭2 | | | 3 | | ♭5 | | ♭6 | | | | 1 | D4 / I | Major m6 ♭2 ♭5 |
| | 1 | | | ♭3 | | 4 | | 5 | | | | 7 | 1 | D4 / ♭II | - |
| | 1 | | 2 | | 3 | | | | ♯5 | 6 | | | 1 | D4 / III | - |
| | 1 | | 2 | | | | ♯4 | 5 | | | ♭7 | | 1 | D4 / ♭V | - |
| | 1 | | | | 3 | 4 | | | ♯5 | | ♭7 | | 1 | D4 / ♭VI | - |
| Minor 'm7 -2 -5 | 1 | ♭2 | | ♭3 | | | ♭5 | | | | ♭7 | | 1 | F4 / I | Minor m7 ♭2 ♭5 |
| | 1 | | 2 | | | 4 | | | | 6 | | 7 | 1 | F4 / ♭II | - |
| | 1 | | | ♭3 | | | | 5 | | 6 | ♭7 | | 1 | F4 / ♭III | - |
| | 1 | | | | 3 | | ♯4 | 5 | | 6 | | | 1 | F4 / ♭V | Hirajoshi [Burrows] (Japan) |
| | 1 | | 2 | ♭3 | | 4 | | | ♭6 | | | | 1 | F4 / ♭VII | - |
| Minor M6 ♭2 ♭5 | 1 | ♭2 | | ♭3 | | | ♭5 | | | 6 | | | 1 | G4 / I | Minor M6 ♭2 ♭5 |
| | 1 | | 2 | | | 4 | | | ♯5 | | | 7 | 1 | G4 / ♭II | - |
| | 1 | | | ♭3 | | | ♭5 | | | 6 | ♭7 | | 1 | G4 / ♭III | - |
| | 1 | | | ♭3 | | | ♯4 | 5 | | 6 | | | 1 | G4 / ♭V | - |
| | 1 | | | ♯2 | 3 | | ♭5 | | | 6 | | | 1 | G4 / VI | - |
| Minor m6 ♭2 ♭5 | 1 | ♭2 | | ♭3 | | | ♭5 | | ♭6 | | | | 1 | H4 / I | Minor m6 ♭2 ♭5 |
| | 1 | | 2 | | | 4 | | 5 | | | | 7 | 1 | H4 / ♭II | - |
| | 1 | | | ♭3 | | 4 | | | | 6 | ♭7 | | 1 | H4 / ♭III | - |
| | 1 | | 2 | | | | ♯4 | 5 | | 6 | | | 1 | H4 / ♭V | - |
| | 1 | | | | 3 | 4 | | 5 | | | ♭7 | | 1 | H4 / ♭VI | - |

# 25 Pentatonic scales / 125 modes

## 3. Altered ♭5 Modes

| | Scale | | | | | | | | | | | | | Mode | Name |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Major m7 ♭5 | 1 | | 2 | | 3 | | ♭5 | | | | ♭7 | | 1 | B3 / I | Major m7 ♭5 |
| | 1 | | 2 | | 3 | | | | ♯5 | | ♭7 | | 1 | B3 / II | - |
| | 1 | | 2 | | | | ♯4 | | ♯5 | | ♭7 | | 1 | B3 / III | - |
| | 1 | | | | 3 | | ♯4 | | ♯5 | | ♭7 | | 1 | B3 / ♭V | - |
| | 1 | | 2 | | 3 | | ♭5 | | ♭6 | | | | 1 | B3 / ♭VII | - |
| Minor m7 ♭5 | 1 | | 2 | ♭3 | | | ♭5 | | | | ♭7 | | 1 | F3 / I | Minor m7 ♭5 |
| | 1 | ♭2 | | | 3 | | | | ♯5 | | ♭7 | | 1 | F3 / II | - |
| | 1 | | | ♭3 | | | | 5 | | 6 | | 7 | 1 | F3 / ♭III | - |
| | 1 | | | | 3 | | ♯4 | | ♯5 | 6 | | | 1 | F3 / ♭V | - |
| | 1 | | 2 | | 3 | 4 | | | ♯5 | | | | 1 | F3 / ♭VII | - |

## 5. Additional Modes

| | Scale | | | | | | | | | | | | | Mode | Name |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Major 'm6 M7 | 1 | | | | 3 | | | 5 | ♭6 | | | 7 | 1 | A5 / I | Major m6 M7 |
| | 1 | | | ♯2 | 3 | | | 5 | ♭6 | | | | 1 | A5 / III | - |
| | 1 | ♭2 | | | 3 | 4 | | | | 6 | | | 1 | A5 / V | - |
| | 1 | ♭2 | | | | 4 | | | ♯5 | 6 | | | 1 | A5 / ♭VI | - |
| | 1 | | | ♯2 | 3 | | | | ♯5 | | | 7 | 1 | A5 / VII | - |
| Major 'm6 'm7 | 1 | | | | 3 | | | 5 | ♭6 | | ♭7 | | 1 | B5 / I | Major m6 m7 |
| | 1 | | | ♯2 | 3 | | ♭5 | | ♭6 | | | | 1 | B5 / III | - |
| | 1 | ♭2 | | ♭3 | | 4 | | | | 6 | | | 1 | B5 / V | - |
| | 1 | | 2 | | 3 | | | | ♯5 | | | 7 | 1 | B5 / ♭VI | - |
| | 1 | | 2 | | | | ♭5 | | | 6 | ♭7 | | 1 | B5 / VII | - |
| Minor m6 M7 | 1 | | | ♭3 | | | | 5 | ♭6 | | | 7 | 1 | F5 / I | Minor m6 M7 |
| | 1 | | | | 3 | 4 | | | ♯5 | 6 | | | 1 | F5 / ♭III | - |
| | 1 | ♭2 | | | 3 | 4 | | | ♯5 | | | | 1 | F5 / V | - |
| | 1 | | | ♯2 | 3 | | | 5 | | | | 7 | 1 | F5 / ♭VI | - |
| | 1 | ♭2 | | | 3 | | | | ♯5 | 6 | | | 1 | F5 / VII | - |

Ces **125 modes pentatoniques** ne comportent pas plus de
**2 demi-tons consécutifs** ni d'écarts de plus de **4 demi-tons entre deux degrés**

# 25 Pentatonic scales / 125 modes

## Structure (1)

| 1 | ♭2 | 2 | ♯2 ♭3 | 3 | 4 | ♯4 ♭5 | 5 | ♯5 ♭6 | 6 | ♭7 | 7 | 1 | Mode | Name |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ♭2 | | ♭3 | ♭4 | | | | ♯5 | | | | 1 | E1 / VII | - |
| 1 | ♭2 | | ♭3 | | 4 | | | ♯5 | | | | 1 | A1 / VII | - |
| 1 | ♭2 | | ♭3 | | 4 | | | | 6 | | | 1 | B5 / V | - |
| 1 | ♭2 | | ♭3 | | | ♭5 | | ♭6 | | | | 1 | H4 / I | Minor m6 ♭2 ♭5 |
| 1 | ♭2 | | ♭3 | | | ♭5 | | | 6 | | | 1 | G4 / I | Minor M6 ♭2 ♭5 |
| 1 | ♭2 | | ♭3 | | | ♭5 | | | | ♭7 | | 1 | F4 / I | Minor m7 ♭2 ♭5 |
| 1 | ♭2 | | ♭3 | | | | 5 | ♭6 | | | | 1 | H2 / I | Minor m6 ♭2 |
| 1 | ♭2 | | ♭3 | | | | 5 | | 6 | | | 1 | G2 / I | Minor M6 ♭2 / Balinese scale |
| 1 | ♭2 | | ♭3 | | | | 5 | | | ♭7 | | 1 | F2 / I | Minor m7 ♭2 / Pelog |
| 1 | ♭2 | | | 3 | 4 | | | ♯5 | | | | 1 | F5 / V | - |
| 1 | ♭2 | | | 3 | 4 | | | | 6 | | | 1 | A5 / V | - |
| 1 | ♭2 | | | 3 | | ♭5 | | ♭6 | | | | 1 | D4 / I | Major m6 ♭2 ♭5 |
| 1 | ♭2 | | | 3 | | ♭5 | | | 6 | | | 1 | C4 / I | Major M6 ♭2 ♭5 |
| 1 | ♭2 | | | 3 | | ♭5 | | | | ♭7 | | 1 | B4 / I | Major m7 ♭2 ♭5 |
| 1 | ♭2 | | | 3 | | | 5 | ♭6 | | | | 1 | D2 / I | Major m6 ♭2 |
| 1 | ♭2 | | | 3 | | | 5 | | 6 | | | 1 | C2 / I | Major M6 ♭2 |
| 1 | ♭2 | | | 3 | | | 5 | | | ♭7 | | 1 | B2 / I | Major m7 ♭2 |
| 1 | ♭2 | | | 3 | | | | ♯5 | 6 | | | 1 | F5 / VII | - |
| 1 | ♭2 | | | 3 | | | | ♯5 | | ♭7 | | 1 | F3 / II | - |
| 1 | ♭2 | | | | 4 | ♭5 | | ♭6 | | | | 1 | H2 / V | - |
| 1 | ♭2 | | | | 4 | ♭5 | | | 6 | | | 1 | D2 / V | - |
| 1 | ♭2 | | | | 4 | ♭5 | | | | ♭7 | | 1 | H1 / II | Iwato (Japan) |
| 1 | ♭2 | | | | 4 | | 5 | ♭6 | | | | 1 | H1 / V | In desc. (Japan) |
| 1 | ♭2 | | | | 4 | | 5 | | 6 | | | 1 | D1 / V | - |
| 1 | ♭2 | | | | 4 | | 5 | | | ♭7 | | 1 | G1 / II | - |
| 1 | ♭2 | | | | 4 | | | ♯5 | 6 | | | 1 | A5 / ♭VI | - |
| 1 | ♭2 | | | | 4 | | | | 6 | ♭7 | | 1 | E1 / II | - |
| 1 | ♭2 | | | | 4 | | | ♯5 | | ♭7 | | 1 | F1 / II | - |
| 1 | | 2 | ♭3 | | 4 | | | ♭6 | | | | 1 | F4 / ♭VII | - |
| 1 | | 2 | ♭3 | | 4 | | | | 6 | | | 1 | F2 / ♭VII | - |
| 1 | | 2 | ♭3 | | | ♭5 | | ♭6 | | | | 1 | B4 / ♭VII | - |
| 1 | | 2 | ♭3 | | | 5b | | | 6 | | | 1 | B2 / ♭VII | - |
| 1 | | 2 | ♭3 | | | ♭5 | | | | ♭7 | | 1 | F3 / I | Minor m7 ♭5 |
| 1 | | 2 | ♭3 | | | | 5 | ♭6 | | | | 1 | H1 / I | Minor m6 / Hirajoshi (Japan) |
| 1 | | 2 | ♭3 | | | | 5 | | 6 | | | 1 | G1 / I | Minor M6 / Kumoï (Japan) |
| 1 | | 2 | ♭3 | | | | 5 | | | ♭7 | | 1 | F1 / I | Minor m7 |
| 1 | | 2 | ♭3 | | | | 5 | | | | 7 | 1 | E1 / I | Minor M7 |

# 25 Pentatonic scales / 125 modes

## Structure (2)

| 1 | ♭2 | 2 | ♯2 ♭3 | 3 | 4 | ♯4 ♭5 | 5 | ♯5 ♭6 | 6 | ♭7 | 7 | 1 | Mode | Name |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2 | | 3 | 4 | | | ♯5 | | | | 1 | F3 / ♭VII | - |
| 1 | | 2 | | 3 | 4 | | | | 6 | | | 1 | F1 / ♭VII | - |
| 1 | | 2 | | 3 | | ♭5 | | ♭6 | | | | 1 | B3 / ♭VII | - |
| 1 | | 2 | | 3 | | ♭5 | | | 6 | | | 1 | B1 / ♭VII | - |
| 1 | | 2 | | 3 | | ♭5 | | | | ♭7 | | 1 | B3 / I | Major m7 ♭5 |
| 1 | | 2 | | 3 | | | 5 | ♭6 | | | | 1 | D1 / I | Major m6 |
| 1 | | 2 | | 3 | | | 5 | | 6 | | | 1 | C1 / I | Major M6 / Gong (China) / Ryõ (Japan) |
| 1 | | 2 | | 3 | | | 5 | | | ♭7 | | 1 | B1 / I | Major m7 |
| 1 | | 2 | | 3 | | | 5 | | | | 7 | 1 | A1 / I | Major M7 |
| 1 | | 2 | | 3 | | | | ♯5 | 6 | | | 1 | D4 / III | - |
| 1 | | 2 | | 3 | | | | ♯5 | | ♭7 | | 1 | B3 / II | - |
| 1 | | 2 | | 3 | | | | ♯5 | | | 7 | 1 | B5 / ♭VI | - |
| 1 | | 2 | | | 4 | ♭5 | | ♭6 | | | | 1 | G2 / V | - |
| 1 | | 2 | | | 4 | ♭5 | | | 6 | | | 1 | C2 / V | - |
| 1 | | 2 | | | 4 | ♭5 | | | | ♭7 | | 1 | D1 / II | - |
| 1 | | 2 | | | 4 | | 5 | ♭6 | | | | 1 | G1 / V | - |
| 1 | | 2 | | | 4 | | 5 | | 6 | | | 1 | C1 / V | Zi (China) / Ritsu (Japan) / Bâc (Vietnam) |
| 1 | | 2 | | | 4 | | 5 | | | ♭7 | | 1 | C1 / II | Shang (China) / In asc. (Japan) |
| 1 | | 2 | | | 4 | | 5 | | | | 7 | 1 | H4 / ♭II | - |
| 1 | | 2 | | | 4 | | | ♯5 | 6 | | | 1 | C4 / III | - |
| 1 | | 2 | | | 4 | | | ♯5 | | ♭7 | | 1 | B1 / II | - |
| 1 | | 2 | | | 4 | | | ♯5 | | | 7 | 1 | G4 / ♭II | - |
| 1 | | 2 | | | 4 | | | | 6 | ♭7 | | 1 | A1 / II | - |
| 1 | | 2 | | | 4 | | | | 6 | | 7 | 1 | F4 / ♭II | - |
| 1 | | 2 | | | | ♯4 | 5 | | 6 | | | 1 | H4 / ♭V | - |
| 1 | | 2 | | | | ♯4 | 5 | | | ♭7 | | 1 | D4 / ♭V | - |
| 1 | | 2 | | | | ♯4 | 5 | | | | 7 | 1 | H2 / ♭II | - |
| 1 | | 2 | | | | ♯4 | | ♯5 | 6 | | | 1 | B4 / III | - |
| 1 | | 2 | | | | ♯4 | | ♯5 | | ♭7 | | 1 | B3 / III | - |
| 1 | | 2 | | | | ♯4 | | ♯5 | | | 7 | 1 | G2 / ♭II | - |
| 1 | | 2 | | | | ♭5 | | | 6 | ♭7 | | 1 | B5 / VII | - |
| 1 | | 2 | | | | ♯4 | 5 | | 6 | | 7 | 1 | F2 / ♭II | - |

# 25 Pentatonic scales / 125 modes

## Structure (3)

| 1 | ♭2 | 2 | ♯2 ♭3 | 3 | 4 | ♯4 ♭5 | 5 | ♯5 ♭6 | 6 | ♭7 | 7 | 1 | Mode | Name |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | ♯2 | 3 | | ♭5 | | ♭6 | | | | 1 | B5 / III | - |
| 1 | | | ♯2 | 3 | | ♭5 | | | 6 | | | 1 | G4 / VI | - |
| 1 | | | ♯2 | 3 | | ♭5 | | | | ♭7 | | 1 | G2 / VI | - |
| 1 | | | ♯2 | 3 | | | 5 | ♭6 | | | | 1 | A5 / III | - |
| 1 | | | ♯2 | 3 | | | 5 | | 6 | | | 1 | C4 / VI | - |
| 1 | | | ♯2 | 3 | | | 5 | | | ♭7 | | 1 | C2 / VI | - |
| 1 | | | ♯2 | 3 | | | 5 | | | | 7 | 1 | F5 / ♭VI | - |
| 1 | | | ♯2 | 3 | | | | ♯5 | 6 | | | 1 | D2 / ♭III | - |
| 1 | | | ♯2 | 3 | | | | ♯5 | | ♭7 | | 1 | D1 / III | - |
| 1 | | | ♯2 | 3 | | | | ♯5 | | | 7 | 1 | A5 / VII | - |
| 1 | | | ♭3 | | 4 | ♭5 | | ♭6 | | | | 1 | F2 / V | - |
| 1 | | | ♭3 | | 4 | 5b | | | 6 | | | 1 | B2 / V | - |
| 1 | | | ♭3 | | 4 | ♭5 | | | | ♭7 | | 1 | G1 / VI | - |
| 1 | | | ♭3 | | 4 | | 5 | ♭6 | | | | 1 | F1 / V | - |
| 1 | | | ♭3 | | 4 | | 5 | | 6 | | | 1 | B1 / V | - |
| 1 | | | ♭3 | | 4 | | 5 | | | ♭7 | | 1 | C1 / VI | Yu (China) / Min-Yo (Japan) / Nam (Vietnam) |
| 1 | | | ♭3 | | 4 | | 5 | | | | 7 | 1 | D4 / ♭II | - |
| 1 | | | ♭3 | | 4 | | | ♯5 | 6 | | | 1 | C2 / III | - |
| 1 | | | ♭3 | | 4 | | | ♯5 | | ♭7 | | 1 | C1 / III | Jue (China) |
| 1 | | | ♭3 | | 4 | | | ♯5 | | | 7 | 1 | C4 / ♭II | - |
| 1 | | | ♭3 | | 4 | | | | 6 | ♭7 | | 1 | H4 / ♭III | - |
| 1 | | | ♭3 | | 4 | | | | 6 | | 7 | 1 | B4 / ♭II | - |
| 1 | | | ♭3 | | | ♯4 | 5 | | 6 | | | 1 | G4 / ♭V | - |
| 1 | | | ♭3 | | | ♯4 | 5 | | | ♭7 | | 1 | C4 / ♭V | - |
| 1 | | | ♭3 | | | ♯4 | 5 | | | | 7 | 1 | D2 / ♭II | - |
| 1 | | | ♭3 | | | ♯4 | | ♯5 | 6 | | | 1 | B2 / III | - |
| 1 | | | ♭3 | | | ♯4 | | ♯5 | | ♭7 | | 1 | B1 / III | - |
| 1 | | | ♭3 | | | ♯4 | | ♯5 | | | 7 | 1 | C2 / ♭II | - |
| 1 | | | ♭3 | | | ♭5 | | | 6 | ♭7 | | 1 | G4 / ♭III | - |
| 1 | | | ♭3 | | | 5b | | | 6 | | 7 | 1 | B2 / ♭II | - |
| 1 | | | ♭3 | | | | 5 | ♭6 | | ♭7 | | 1 | A1 / III | - |
| 1 | | | ♭3 | | | | 5 | ♭6 | | | 7 | 1 | F5 / I | Minor m6 M7 |
| 1 | | | ♭3 | | | | 5 | | 6 | ♭7 | | 1 | F4 / ♭III | - |
| 1 | | | ♭3 | | | | 5 | | 6 | | 7 | 1 | F3 / ♭III | - |

# 25 Pentatonic scales / 125 modes

## Structure (4)

| 1 | ♭2 | 2 | ♯2 ♭3 | 3 | 4 | ♯4 ♭5 | 5 | ♯5 ♭6 | 6 | ♭7 | 7 | 1 | Mode | Name |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | 3 | 4 | | 5 | ♭6 | | | | 1 | E1 / V | - |
| 1 | | | | 3 | 4 | | 5 | | 6 | | | 1 | A1 / V | - |
| 1 | | | | 3 | 4 | | 5 | | | ♭7 | | 1 | H4 / ♭VI | - |
| 1 | | | | 3 | 4 | | 5 | | | | 7 | 1 | H2 / ♭VI | - |
| 1 | | | | 3 | 4 | | | ♯5 | 6 | | | 1 | F5 / ♭III | - |
| 1 | | | | 3 | 4 | | | ♯5 | | ♭7 | | 1 | D4 / ♭VI | - |
| 1 | | | | 3 | 4 | | | ♯5 | | | 7 | 1 | D2 / ♭VI | - |
| 1 | | | | 3 | 4 | | | | 6 | ♭7 | | 1 | H2 / ♭III | - |
| 1 | | | | 3 | 4 | | | | 6 | | 7 | 1 | H1 / ♭III | - |
| 1 | | | | 3 | | ♯4 | 5 | | 6 | | | 1 | F4 / ♭V | Hirajoshi [Burrows] (Japan) |
| 1 | | | | 3 | | ♯4 | 5 | | | ♭7 | | 1 | B4 / ♭V | - |
| 1 | | | | 3 | | ♯4 | 5 | | | | 7 | 1 | H1 / ♭VI | - |
| 1 | | | | 3 | | ♯4 | | ♯5 | 6 | | | 1 | F3 / ♭V | - |
| 1 | | | | 3 | | ♯4 | | ♯5 | | ♭7 | | 1 | B3 / ♭V | - |
| 1 | | | | 3 | | ♯4 | | ♯5 | | | 7 | 1 | D1 / ♭VI | - |
| 1 | | | | 3 | | ♭5 | | | 6 | ♭7 | | 1 | G2 / ♭III | - |
| 1 | | | | 3 | | ♭5 | | | 6 | | 7 | 1 | G1 / ♭III | - |
| 1 | | | | 3 | | | 5 | ♭6 | | ♭7 | | 1 | B5 / I | Major m6 m7 |
| 1 | | | | 3 | | | 5 | ♭6 | | | 7 | 1 | A5 / I | Major m6 M7 |
| 1 | | | | 3 | | | 5 | | 6 | ♭7 | | 1 | F2 / ♭III | - |
| 1 | | | | 3 | | | 5 | | 6 | | 7 | 1 | F1 / ♭III | - |
| 1 | | | | 3 | | | | ♯5 | 6 | | 7 | 1 | E1 / ♭III | - |

# 15 Pentatonic scales / 27 modes

## Scales (1)

| A1. Major M7 | Degree | Scale | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Major M7 | I | 1 | | 2 | | 3 | | | 5 | | | | 7 | 1 |
| - | III | 1 | | | ♭3 | | | | 5 | ♭6 | | ♭7 | | 1 |
| - | V | 1 | | | | 3 | 4 | | 5 | | 6 | | | 1 |

| B1. Major m7 | Degree | Scale | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Major m7 | I | 1 | | 2 | | 3 | | | 5 | | | ♭7 | | 1 |
| - | V | 1 | | | ♭3 | | 4 | | 5 | | 6 | | | 1 |

| C1. Major M6 | Degree | Scale | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Major M6 / Gong (China) / Ryõ (Japan) | I | 1 | | 2 | | 3 | | | 5 | | 6 | | | 1 |
| Shang (China) / In asc. (Japan) | II | 1 | | 2 | | | 4 | | 5 | | | ♭7 | | 1 |
| Jue (China) | III | 1 | | | ♭3 | | 4 | | | #5 | | ♭7 | | 1 |
| Zi (China) / Ritsu (Japan) / Bâc (Vietnam) | V | 1 | | 2 | | | 4 | | 5 | | 6 | | | 1 |
| Yu (China) / Min-Yo (Japan) / Nam (Vietnam) | VI | 1 | | | ♭3 | | 4 | | 5 | | | ♭7 | | 1 |

| D1. Major m6 | Degree | Scale | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Major m6 | I | 1 | | 2 | | 3 | | | 5 | ♭6 | | | | 1 |

| E1. Minor M7 | Degree | Scale | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Minor M7 | I | 1 | | 2 | ♭3 | | | | 5 | | | | 7 | 1 |

| F1. Minor m7 | Degree | Scale | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Minor m7 | I | 1 | | 2 | ♭3 | | | | 5 | | | ♭7 | | 1 |
| - | V | 1 | | | ♭3 | | 4 | | 5 | ♭6 | | | | 1 |

| G1. Minor M6 | Degree | Scale | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Minor M6 / Kumoï (Japan) | I | 1 | | 2 | ♭3 | | | | 5 | | 6 | | | 1 |
| In Sen (Japan) | II | 1 | ♭2 | | | | 4 | | 5 | | | ♭7 | | 1 |

| H1. Mineur m6 | Degree | Scale | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Minor m6 / Hirajoshi (Japan) | I | 1 | | 2 | ♭3 | | | | 5 | ♭6 | | | | 1 |
| Iwato (Japan) | II | 1 | ♭2 | | | | 4 | ♭5 | | | | ♭7 | | 1 |
| In desc. (Japan) | V | 1 | ♭2 | | | | 4 | | 5 | ♭6 | | | | 1 |

# 15 Pentatonic scales / 27 modes

## Scales (2)

| B2. Major m7 ♭2 | Degree | Scale | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Major m7 ♭2 | I | 1 | ♭2 | | | 3 | | | 5 | | | | ♭7 | 1 |

| C2. Major M6 ♭2 | Degree | Scale | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Major M6 ♭2 | I | 1 | ♭2 | | | 3 | | | 5 | | 6 | | | 1 |

| D2. Major m6 ♭2 | Degree | Scale | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Major m6 ♭2 | I | 1 | ♭2 | | | 3 | | | 5 | ♭6 | | | | 1 |

| F2. Minor m7 ♭2 | Degré | Scale | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Minor m7 ♭2 - Pelog | I | 1 | ♭2 | | ♭3 | | | | 5 | | | ♭7 | | 1 |

| G2. Minor M6 ♭2 | Degré | Scale | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Minor M6 ♭2 - Balinese scale | I | 1 | ♭2 | | ♭3 | | | | 5 | | 6 | | | 1 |

| H2. Minor m6 ♭2 | Degré | Scale | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Minor m6 ♭2 | I | 1 | ♭2 | | ♭3 | | | | 5 | ♭6 | | | | 1 |
| Ryu-kyu (Japan) | ♭VI | 1 | | | | 3 | 4 | | 5 | | | | 7 | 1 |

| F4. Minor m7 ♭2 ♭5 | Degré | Scale | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hirajoshi [Burrows] (Japan) | ♭V | 1 | | | | 3 | | ♯4 | 5 | | 6 | | | 1 |

# 15 Pentatonic scales / 27 modes

## Structure

| 1 | ♭2 | 2 | ♯2 ♭3 | 3 | 4 | ♯4 ♭5 | 5 | ♯5 ♭6 | 6 | ♭7 | 7 | 1 | Mode | Name |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ♭2 | | ♭3 | | | | 5 | ♭6 | | | | 1 | H2 / I | Minor m6 ♭2 |
| 1 | ♭2 | | ♭3 | | | | 5 | | 6 | | | 1 | G2 / I | Minor M6 ♭2 - Balinese scale |
| 1 | ♭2 | | ♭3 | | | | 5 | | | ♭7 | | 1 | F2 / I | Minor m7 ♭2 - Pelog |
| 1 | ♭2 | | | 3 | | | 5 | ♭6 | | | | 1 | D2 / I | Major m6 ♭2 |
| 1 | ♭2 | | | 3 | | | 5 | | 6 | | | 1 | C2 / I | Major M6 ♭2 |
| 1 | ♭2 | | | 3 | | | 5 | | | ♭7 | | 1 | B2 / I | Major m7 ♭2 |
| 1 | ♭2 | | | | 4 | ♭5 | | | | ♭7 | | 1 | H1 / II | Iwato (Japan) |
| 1 | ♭2 | | | | 4 | | 5 | ♭6 | | | | 1 | H1 / V | In desc. (Japan) |
| 1 | ♭2 | | | | 4 | | 5 | | | ♭7 | | 1 | G1 / II | In Sen (Japan) |
| 1 | | 2 | ♭3 | | | | 5 | ♭6 | | | | 1 | H1 / I | Minor m6 / Hirajoshi (Japan) |
| 1 | | 2 | ♭3 | | | | 5 | | 6 | | | 1 | G1 / I | Minor M6 / Kumoï (Japan) |
| 1 | | 2 | ♭3 | | | | 5 | | | ♭7 | | 1 | F1 / I | Minor m7 |
| 1 | | 2 | ♭3 | | | | 5 | | | | 7 | 1 | E1 / I | Minor M7 |
| 1 | | 2 | | 3 | | | 5 | ♭6 | | | | 1 | D1 / I | Major m6 |
| 1 | | 2 | | 3 | | | 5 | | 6 | | | 1 | C1 / I | Major M6 / Gong (China) / Ryõ (Japan) |
| 1 | | 2 | | 3 | | | 5 | | | ♭7 | | 1 | B1 / I | Major m7 |
| 1 | | 2 | | 3 | | | 5 | | | | 7 | 1 | A1 / I | Major M7 |
| 1 | | 2 | | | 4 | | 5 | | 6 | | | 1 | C1 / V | Zi (China) / Ritsu (Japan) / Bâc (Vietnam) |
| 1 | | 2 | | | 4 | | 5 | | | ♭7 | | 1 | C1 / II | Shang (China) / In asc. (Japan) |
| 1 | | | ♭3 | | 4 | | 5 | ♭6 | | | | 1 | F1 / V | - |
| 1 | | | ♭3 | | 4 | | 5 | | 6 | | | 1 | B1 / V | - |
| 1 | | | ♭3 | | 4 | | 5 | | | ♭7 | | 1 | C1 / VI | Yu (China) / Min-Yo (Japan) / Nam (Vietnam) |
| 1 | | | ♭3 | | 4 | | | ♯5 | | ♭7 | | 1 | C1 / III | Jue (China) |
| 1 | | | ♭3 | | | | 5 | ♭6 | | ♭7 | | 1 | A1 / III | - |
| 1 | | | | 3 | 4 | | 5 | | 6 | | | 1 | A1 / V | - |
| 1 | | | | 3 | 4 | | 5 | | | | 7 | 1 | H2 / ♭VI | Ryu-kyu (Japan) |
| 1 | | | | 3 | | ♯4 | 5 | | 6 | | | 1 | F4 / ♭V | Hirajoshi [Burrows] (Japan) |

# Intervals

| R | m2 | M2<br>d3 | A2<br>m3 | M3<br>d4 | A3<br>P4 | A4<br>d5 | P5<br>d6 | A5<br>m6 | M6<br>d7 | A6<br>m7 | M7 | R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

| 1 | ♭2 | 2<br>♭♭3 | ♯2<br>♭3 | 3<br>♭4 | ♯3<br>4 | ♯4<br>♭5 | 5<br>♭♭6 | ♯5<br>♭6 | 6<br>♭♭7 | ♯6<br>♭7 | 7 | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | ♯2 | | ♯3 | ♯4 | | ♯5 | | ♯6 | | |
| 1 | | 2 | | 3 | 4 | | 5 | | 6 | | 7 | 1 |
| | ♭2 | | ♭3 | ♭4 | | ♭5 | | ♭6 | | ♭7 | | |
| | | ♭♭3 | | | | | ♭♭6 | | ♭♭7 | | | |
| | ♭9 | 9 | ♯9 | | 11 | ♯11 | | ♭13 | 13 | | | |

| Complementary Intervals | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ♭2 | | 2 | | ♭3 | | 3 | | 4 | | ♯4 | |
| | 7 | | ♭7 | | 6 | | ♭6 | | 5 | | ♭5 | |

# Major Keys : Intervals

| Major Keys | C | C♯ D♭ | D | D♯ E♭ | E | F | F♯ G♭ | G | G♯ A♭ | A | A♯ B♭ | B | Major Keys |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 1 | ♭2 | 2 | ♯2 | 3 | 4 | ♯4 | 5 | ♯5 | 6 | ♭7 | 7 | C |
| G | 4 | ♯4 | 5 | ♯5 | 6 | ♭7 | 7 | 1 | ♭2 | 2 | ♯2 | 3 | G |
| D | ♭7 | 7 | 1 | ♭2 | 2 | ♯2 | 3 | 4 | ♯4 | 5 | ♯5 | 6 | D |
| A | ♯2 | 3 | 4 | ♯4 | 5 | ♯5 | 6 | ♭7 | 7 | 1 | ♭2 | 2 | A |
| E | ♯5 | 6 | ♭7 | 7 | 1 | ♭2 | 2 | ♯2 | 3 | 4 | ♯4 | 5 | E |
| B | ♭2 | 2 | ♯2 | 3 | 4 | ♯4 | 5 | ♯5 | 6 | ♭7 | 7 | 1 | B |
| F♯ | ♯4 | 5 | ♯5 | 6 | ♭7 | 7 | 1 | ♭2 | 2 | ♯2 | 3 | 4 | F♯ |
| G♭ | ♭5 | 5 | ♯5 | 6 | ♭7 | 7 | 1 | ♭2 | 2 | ♯2 | 3 | 4 | G♭ |
| D♭ | 7 | 1 | ♭2 | 2 | ♯2 | 3 | 4 | ♯4 | 5 | ♯5 | 6 | ♭7 | D♭ |
| A♭ | 3 | 4 | ♯4 | 5 | ♯5 | 6 | ♭7 | 7 | 1 | ♭2 | 2 | ♯2 | A♭ |
| E♭ | 6 | ♭7 | 7 | 1 | ♭2 | 2 | ♯2 | 3 | 4 | ♯4 | 5 | ♯5 | E♭ |
| B♭ | 2 | ♯2 | 3 | 4 | ♯4 | 5 | ♯5 | 6 | ♭7 | 7 | 1 | ♭2 | B♭ |
| F | 5 | ♯5 | 6 | ♭7 | 7 | 1 | ♭2 | 2 | ♯2 | 3 | 4 | ♯4 | F |
| C | 1 | ♭2 | 2 | ♯2 | 3 | 4 | ♯4 | 5 | ♯5 | 6 | ♭7 | 7 | C |

# Minor Keys : Intervals

| Minor Keys | A | A♯ B♭ | B | C | C♯ D♭ | D | D♯ E♭ | E | F | F♯ G♭ | G | G♯ A♭ | Minor Keys |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | ♭2 | 2 | ♭3 | ♭4 | 4 | ♭5 | 5 | ♭6 | 6 | ♭7 | 7 | A |
| E | 4 | ♭5 | 5 | ♭6 | 6 | ♭7 | 7 | 1 | ♭2 | 2 | ♭3 | ♭4 | E |
| B | ♭7 | 7 | 1 | ♭2 | 2 | ♭3 | ♭4 | 4 | ♭5 | 5 | ♭6 | 6 | B |
| F♯ | ♭3 | ♭4 | 4 | ♭5 | 5 | ♭6 | 6 | ♭7 | 7 | 1 | ♭2 | 2 | F♯ |
| C♯ | ♭6 | 6 | ♭7 | 7 | 1 | ♭2 | 2 | ♭3 | ♭4 | 4 | ♭5 | 5 | C♯ |
| G♯ | ♭2 | 2 | ♭3 | ♭4 | 4 | ♭5 | 5 | ♭6 | 6 | ♭7 | 7 | 1 | G♯ |
| D♯ | ♯4 | 5 | ♭6 | 6 | ♭7 | 7 | 1 | ♭2 | 2 | ♭3 | ♭4 | 4 | D♯ |
| E♭ | ♭5 | 5 | ♭6 | 6 | ♭7 | 7 | 1 | ♭2 | 2 | ♭3 | ♭4 | 4 | E♭ |
| B♭ | 7 | 1 | ♭2 | 2 | ♭3 | ♭4 | 4 | ♭5 | 5 | ♭6 | 6 | ♭7 | B♭ |
| F | ♭4 | 4 | ♭5 | 5 | ♭6 | 6 | ♭7 | 7 | 1 | ♭2 | 2 | ♭3 | F |
| C | 6 | ♭7 | 7 | 1 | ♭2 | 2 | ♭3 | ♭4 | 4 | ♭5 | 5 | ♭6 | C |
| G | 2 | ♭3 | ♭4 | 4 | ♭5 | 5 | ♭6 | 6 | ♭7 | 7 | 1 | ♭2 | G |
| D | 5 | ♭6 | 6 | ♭7 | 7 | 1 | ♭2 | 2 | ♭3 | ♭4 | 4 | ♭5 | D |
| A | 1 | ♭2 | 2 | ♭3 | ♭4 | 4 | ♭5 | 5 | ♭6 | 6 | ♭7 | 7 | A |

# Circle of Fifths / Forths

⇨ I V II VI III VII ♯IV | ♭V ♭II ♭VI ♭III ♭VII IV I ⇦

# Major Keys

| Major Keys | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Minor Keys | Sharps & Flats |
|---|---|---|---|---|---|---|---|---|---|
| C | C | D | E | F | G | A | B | A | - |
| G | G | A | B | C | D | E | F♯ | E | ♯ |
| D | D | E | F♯ | G | A | B | C♯ | B | ♯♯ |
| A | A | B | C♯ | D | E | F♯ | G♯ | F♯ | ♯♯♯ |
| E | E | F♯ | G♯ | A | B | C♯ | D♯ | C♯ | ♯♯♯♯ |
| B | B | C♯ | D♯ | E | F♯ | G♯ | A♯ | G♯ | ♯♯♯♯♯ |
| F♯ | F♯ | G♯ | A♯ | B | C♯ | D♯ | E♯ | D♯ | ♯♯♯♯♯♯ |
| G♭ | G♭ | A♭ | B♭ | C♭ | D♭ | E♭ | F | E♭ | ♭♭♭♭♭♭ |
| D♭ | D♭ | E♭ | F | G♭ | A♭ | B♭ | C | B♭ | ♭♭♭♭♭ |
| A♭ | A♭ | B♭ | C | D♭ | E♭ | F | G♯ | F | ♭♭♭♭ |
| E♭ | E♭ | F | G | A♭ | B♭ | C | D | C | ♭♭♭ |
| B♭ | B♭ | C | D | E♭ | F | G | A | G | ♭♭ |
| F | F | G | A | B♭ | C | D | E | D | ♭ |
| C | C | D | E | F | G | A | B | A | - |

# Minor Keys

| Minor Keys | 1 | 2 | ♭3 | 4 | 5 | ♭6 | ♭7 | Major Keys | Sharps & Flats |
|---|---|---|---|---|---|---|---|---|---|
| A | A | B | C | D | E | F | G | C | - |
| E | E | F♯ | G | A | B | C | D | G | ♯ |
| B | B | C♯ | D | E | F♯ | G | A | D | ♯♯ |
| F♯ | F♯ | G♯ | A | B | C♯ | D | E | A | ♯♯♯ |
| C♯ | C♯ | D♯ | E | F♯ | G♯ | A | B | E | ♯♯♯♯ |
| G♯ | G♯ | A♯ | B | C♯ | D♯ | E | F♯ | B | ♯♯♯♯♯ |
| D♯ | D♯ | E♯ | F♯ | G♯ | A♯ | B | C♯ | F♯ | ♯♯♯♯♯♯ |
| E♭ | E♭ | F | G♭ | A♭ | B♭ | C♭ | D♭ | G♭ | ♭♭♭♭♭♭ |
| B♭ | B♭ | C | D♭ | E♭ | F | G♭ | A♭ | D♭ | ♭♭♭♭♭ |
| F | F | G | A♭ | B♭ | C | D♭ | E♭ | A♭ | ♭♭♭♭ |
| C | C | D | E♭ | F | G | A♭ | B♭ | E♭ | ♭♭♭ |
| G | G | A | B♭ | C | D | E♭ | F | B♭ | ♭♭ |
| D | D | E | F | G | A | B♭ | C | F | ♭ |
| A | A | B | C | D | E | F | G | C | - |

# Circle of Fifths / Forths

⇨ I V II VI III VII ♯IV | ♭V ♭II ♭VI ♭III ♭VII IV I ⇦

## Major Keys : Degrees / Intervals

| Major Keys | I<br>1 | ♭II<br>♭2 | II<br>2 | ♯II<br>♯2 | III<br>3 | IV<br>4 | ♯IV<br>♯4 | ♭V<br>♭5 | V<br>5 | ♯V<br>♯5 | ♭VI<br>♭6 | VI<br>6 | ♭VII<br>♭7 | VII<br>7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | C | D♭ | D | D♯ | E | F | F♯ | G♭ | G | G♯ | A♭ | A | B♭ | B |
| G | G | A♭ | A | A♯ | B | C | C♯ | D♭ | D | D♯ | E♭ | E | F | F♯ |
| D | D | E♭ | E | E♯ | F♯ | G | G♯ | A♭ | A | A♯ | B♭ | B | C | C♯ |
| A | A | B♭ | B | B♯ | C♯ | D | D♯ | E♭ | E | E♯ | F | F♯ | G | G♯ |
| E | E | F | F♯ | F𝄪 | G♯ | A | A♯ | B♭ | B | B♯ | C | C♯ | D | D♯ |
| B | B | C | C♯ | C𝄪 | D♯ | E | E♯ | F♮ | F♯ | F𝄪 | G | G♯ | A | A♯ |
| F♯ | F♯ | G | G♯ | G𝄪 | A♯ | B | B♯ | C♮ | C♯ | C𝄪 | D | D♯ | E | E♯ |
| G♭ | G♭ | A♭♭ | A♭ | A | B♭ | C♭ | C | D♭♭ | D♭ | D | E♭♭ | E♭ | F♭ | F |
| D♭ | D♭ | E♭♭ | E♭ | E | F | G♭ | G | A♭♭ | A♭ | A | B♭♭ | B♭ | C♭ | C |
| A♭ | A♭ | B♭♭ | B♭ | B | C | D♭ | D | E♭♭ | E♭ | E | F♭ | F | G♭ | G♯ |
| E♭ | E♭ | F♭ | F | F♯ | G | A♭ | A | B♭♭ | B♭ | B | C♭ | C | D♭ | D |
| B♭ | B♭ | C♭ | C | C♯ | D | E♭ | E | F♭ | F | F♯ | G♭ | G | A♭ | A |
| F | F | G♭ | G | G♯ | A | B♭ | B | C♭ | C | C♯ | D♭ | D | E♭ | E |
| C | C | D♭ | D | D♯ | E | F | F♯ | G♭ | G | G♯ | A♭ | A | B♭ | B |

## Minor Keys : Degrees / Intervals

| Minor Keys | I<br>1 | ♭II<br>♭2 | II<br>2 | ♭III<br>♭3 | ♭IV<br>♭4 | IV<br>4 | ♯IV<br>♯4 | ♭V<br>♭5 | V<br>5 | ♯V<br>♯5 | ♭VI<br>♭6 | VI<br>6 | ♭VII<br>♭7 | VII<br>7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | A | B♭ | B | C | D♭ | D | D♯ | E♭ | E | E♯ | F | F♯ | G | G♯ |
| E | E | F | F♯ | G | A♭ | A | A♯ | B♭ | B | B♯ | C | C♯ | D | D♯ |
| B | B | C | C♯ | D | E♭ | E | E♯ | F♮ | F♯ | F𝄪 | G | G♯ | A | A♯ |
| F♯ | F♯ | G | G♯ | A | B♭ | B | B♯ | C♮ | C♯ | C𝄪 | D | D♯ | E | E♯ |
| C♯ | C♯ | D | D♯ | E | F♮ | F♯ | F𝄪 | G♮ | G♯ | G𝄪 | A | A♯ | B | B♯ |
| G♯ | G♯ | A | A♯ | B | C♮ | C♯ | C𝄪 | D♮ | D♯ | D𝄪 | E | E♯ | F♯ | F𝄪 |
| D♯ | D♯ | E | E♯ | F♯ | G♮ | G♯ | G𝄪 | A♮ | A♯ | A𝄪 | B | B♯ | C♯ | C𝄪 |
| E♭ | E♭ | F♭ | F | G♭ | A♭♭ | A♭ | A | B♭♭ | B♭ | B | C♭ | C | D♭ | D |
| B♭ | B♭ | C♭ | C | D♭ | E♭♭ | E♭ | E | F♭ | F | F♯ | G♭ | G | A♭ | A |
| F | F | G♭ | G | A♭ | B♭♭ | B♭ | B | C♭ | C | C♯ | D♭ | D | E♭ | E |
| C | C | D♭ | D | E♭ | F♭ | F | F♯ | G♭ | G | G♯ | A♭ | A | B♭ | B |
| G | G | A♭ | A | B♭ | C♭ | C | C♯ | D♭ | D | D♯ | E♭ | E | F | F♯ |
| D | D | E♭ | E | F | G♭ | G | G♯ | A♭ | A | A♯ | B♭ | B | C | C♯ |
| A | A | B♭ | B | C | D♭ | D | D♯ | E♭ | E | E♯ | F | F♯ | G | G♯ |

## Circle of Fifths / Forths

⇨ I V II VI III VII ♯IV | ♭V ♭II ♭VI ♭III ♭VII IV I ⇦